

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Enduring Resources IV LLC. 200 Energy Court Farmington NM 87401		² OGRID Number 372286	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30-043-21281	⁵ Pool Name LYBROOK GALLUP		⁶ Pool Code 42289
⁷ Property Code 333197	⁸ Property Name S LYBROOK UNIT		⁹ Well Number #908H

II. ¹⁰ Surface Location

UL or lot no. P	Section 2	Township 22N	Range 7W	Lot Idn	Feet from the 1047'	North/South Line South	Feet from the 356'	East/West line East	County Sandoval
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¹¹ Bottom Hole Location

UL or lot no. D	Section 2	Township 22N	Range 7W	Lot Idn 4	Feet from the 317'	North/South line North	Feet from the 144'	East/West line West	County Sandoval
¹² Lse Code F	¹³ Producing Method Code		¹⁴ Gas Connection Date 11/1/2022		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address		²⁰ O/G/W
248440	WESTERN REFINING COMPANY, LLC		O
373888	HARVEST FOUR CORNERS. LLC		G

IV. Well Completion Data

²¹ Spud Date 5/18/2022	²² Ready Date 11/1/2022	²³ TD 12493' 12483' MD 5219' TVD	²⁴ PBDT 12366' MD 5218' TVD	²⁵ Perforations ~ 5772' - 12344' MD ~ 5158'-5218' TVD	²⁶ DHC, MC R-14051	
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement
17-1/2"		13-3/8",54.5#, J-55		360' MD		350 sx - surface
12-1/4"		9-5/8",36#, J-55		3435' MD		834 sx- surface
8-1/2"		5-1/2",20#, P-110		12483' MD		1808 sx- surface
8-1/2"		2-7/8",6.5#, L-80		5682' MD		NA

V. Well Test Data

³¹ Date New Oil 11/1/22	³² Gas Delivery Date 11/1/22	³³ Test Date 11/1/22	³⁴ Test Length 24 hr	³⁵ Tbg. Pressure 420	³⁶ Csg. Pressure 850
³⁷ Choke Size 64/64"	³⁸ Oil 0	³⁹ Water 119	⁴⁰ Gas 1105		⁴¹ Test Method F

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Kayla White</i>		OIL CONSERVATION DIVISION Approved by: <i>PATRICIA MARTINEZ</i>	
Printed name: Kayla White		Title: <i>PETROLEUM SPECIALIST</i>	
Title: Environmental Engineer		Approval Date: <i>9/7/2023</i>	
E-mail Address: kwhite@cdhconsult.com			
Date: 11/30/2022	Phone: 720-768-3575		



ENDURING RESOURCES IV LLC

September 21, 2022

Re: S LYBROOK UNIT 908H-30-043-21281

Pursuant to NMOCD rule 19.15.7.16(C) request is herein made to keep all data and accompanying attachments contained in form C-105 confidential.

Sincerely,

A handwritten signature in blue ink, appearing to read "Heather Huntington". The signature is fluid and cursive.

Heather Huntington
Permitting Technician
Enduring Resources, LLC.
hhuntington@enduringresources.com

Submit one copy to
Appropriate District Office**OIL CONSERVATION DIVISION**
1220 South St. Francis Drive
Santa Fe, NM 87505☐ AMENDED REPORT

AS-DRILLED WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-043-21281	² Pool Code 42289	³ Pool Name LYBROOK GALLUP
⁴ Property Code 333197	⁵ Property Name S LYBROOK UNIT	⁶ Well Number 908H
⁷ GRID No. 372286	⁸ Operator Name ENDURING RESOURCES, LLC	⁹ Elevation 7003'

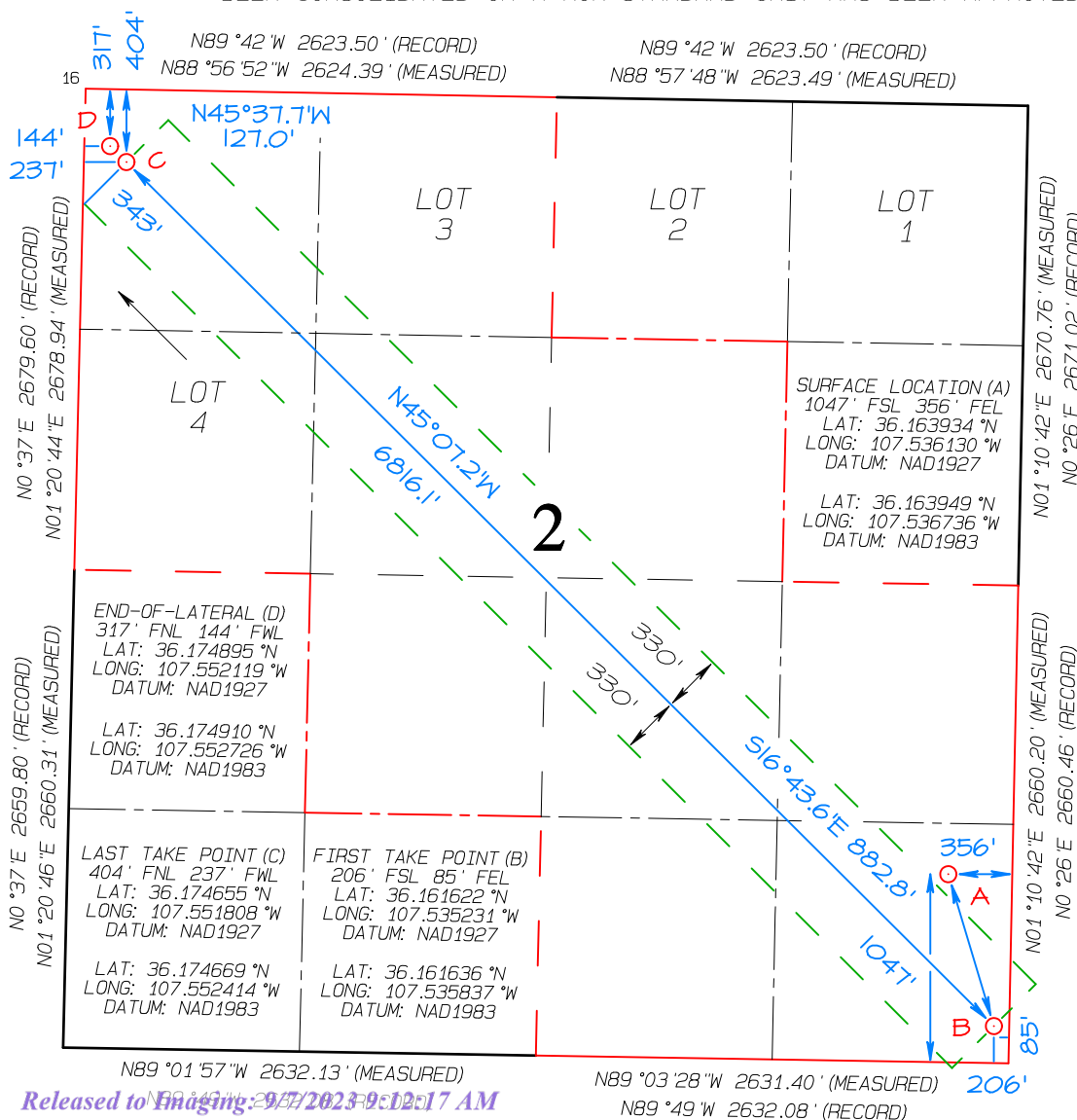
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	2	22N	7W		1047	SOUTH	356	EAST	SANDOVAL

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	2	22N	7W	4	317	NORTH	144	WEST	SANDOVAL

¹² Dedicated Acres 401.03	NW/4, SW/4 NE/4 NE/4 SW/4, SE/4	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13883A
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE
BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**17 OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

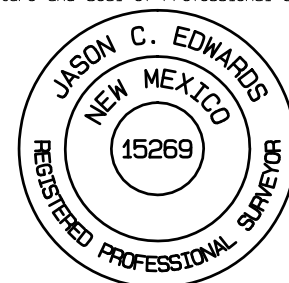
Signature: Heather Huntington Date: 9/21/22Printed Name: Heather HuntingtonE-mail Address: hhuntington@enduringresources.comE-mail Address: hhuntington@enduringresources.comE-mail Address: hhuntington@enduringresources.comE-mail Address: hhuntington@enduringresources.com**18 SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: SEPTEMBER 20, 2022

Date of Survey: JUNE 12, 2015

Signature and Seal of Professional Surveyor

**JASON C. EDWARDS**

Certificate Number 15269

Submit one copy to
Appropriate District Office**OIL CONSERVATION DIVISION**
1220 South St. Francis Drive
Santa Fe, NM 87505☐ AMENDED REPORT

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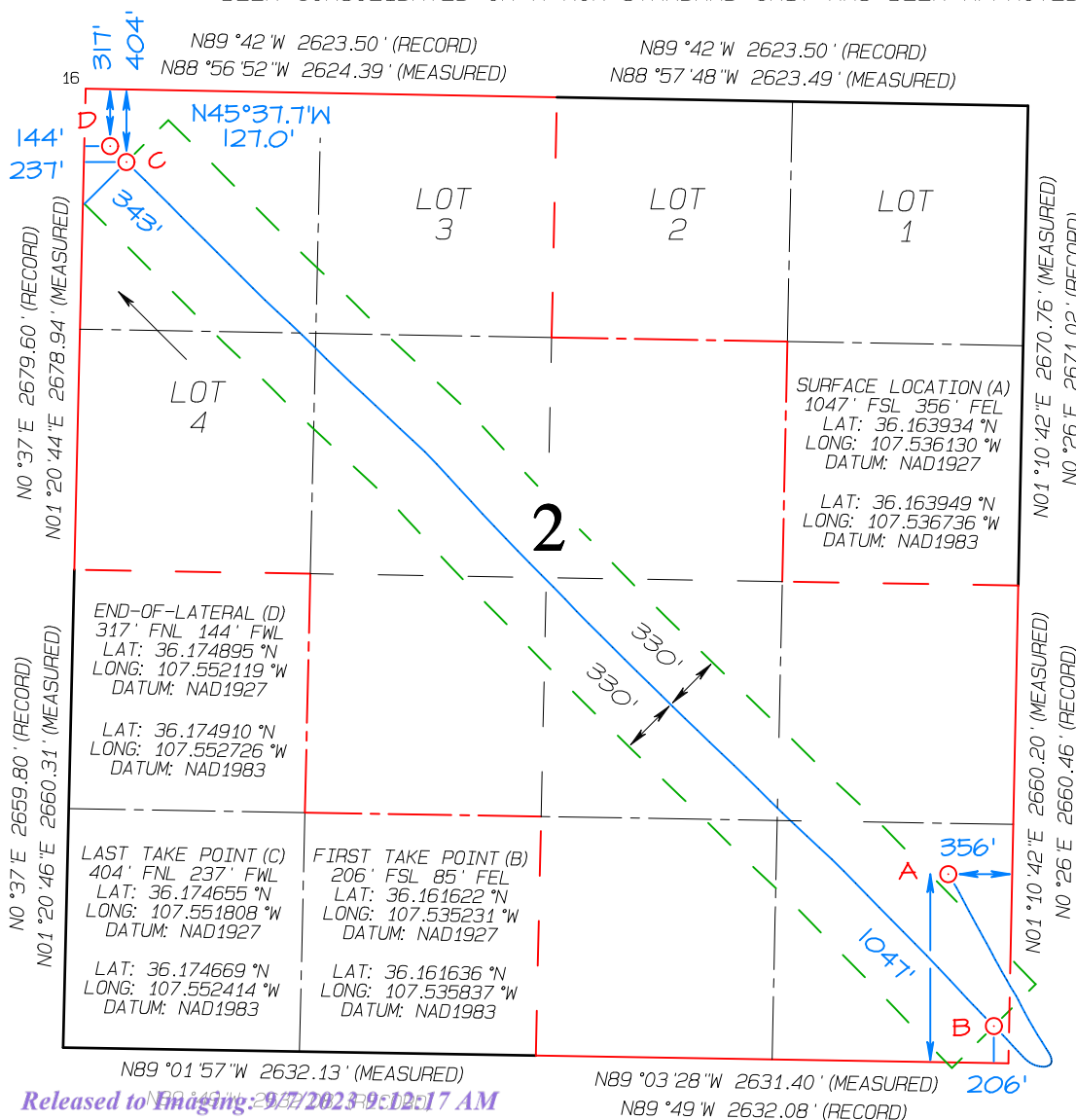
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Signature: Heather Huntington Date: 9/21/22Printed Name: Heather HuntingtonE-mail Address: hhuntington@enduringresources.comE-mail Address: hhuntington@enduringresources.comE-mail Address: hhuntington@enduringresources.comE-mail Address: hhuntington@enduringresources.com**18 SURVEYOR CERTIFICATION**

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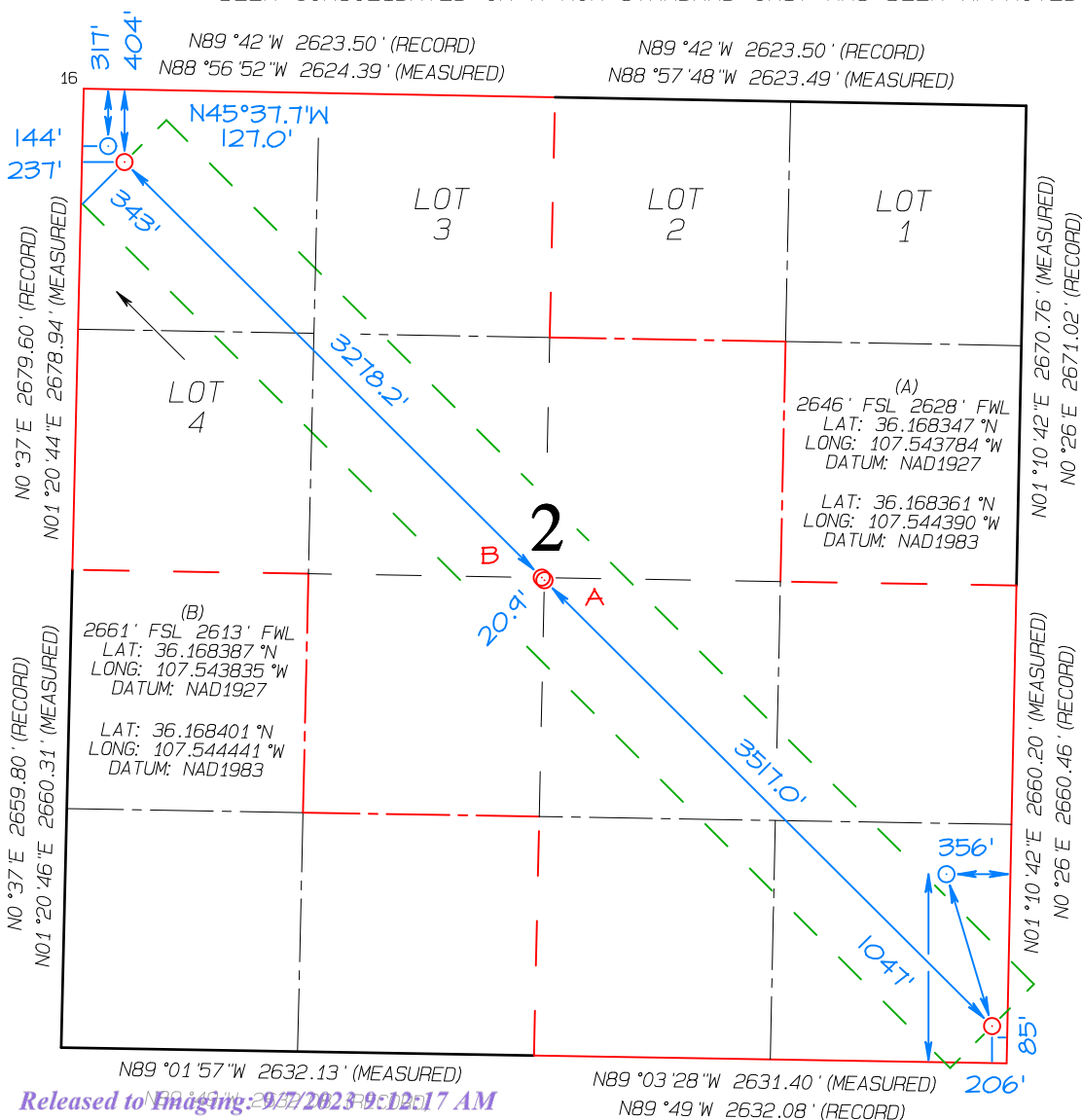
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Heath H 9/21/22
Signature Date

Signature: Heather Huntington
Printed Name

hhuntington@enduringresources.com

E-mail Address

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Date Revised: SEPTEMBER 20, 2022

Date of Survey: JUNE 12, 2015

Signature and Seal of Professional Surveyor



JASON C. EDWARDS

Certificate Number	15269
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Well: S Chaco Unit 908 H
Site: S Chaco Unit 344 Pad (344, 345 & 908)
Project: Sandoval County, New Mexico NAD83 NmW
Design: Surveys Original Hole
Rig: Ensign 145

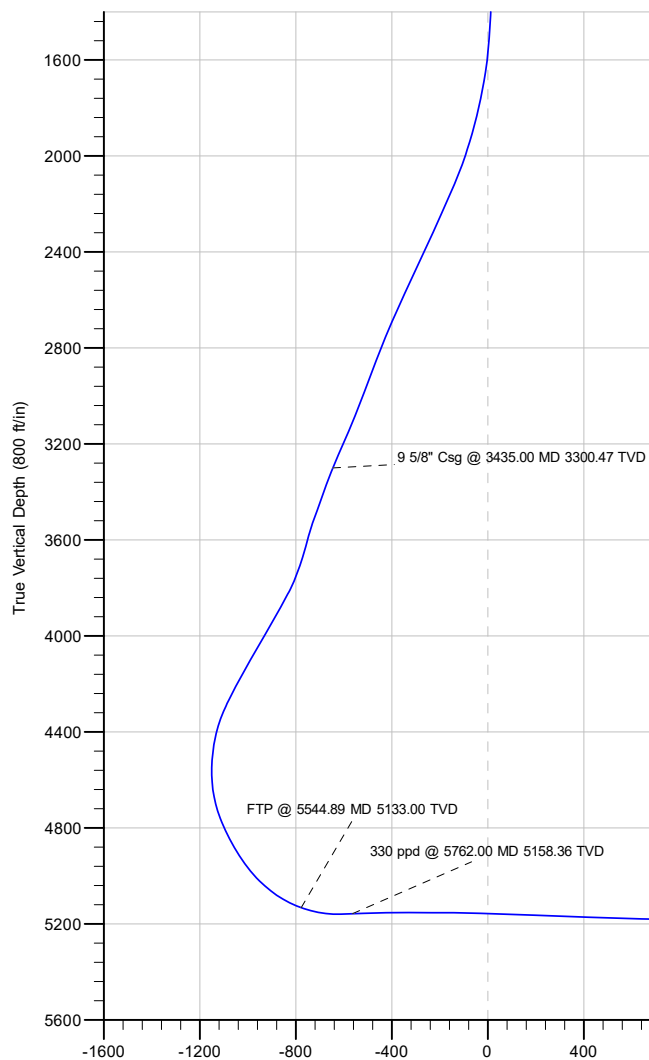
Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Western Zone
 System Datum: Mean Sea Level
 Depth Reference: RKB=7003+13 @ 7016.00ft (Ensign 145)
 Surface location:
 Northing 1879107.923 Easting 2810639.589 Latitude 36.163949000 Longitude -107.536736000

Total Corr (M=>G): To convert a Magnetic Direction to a Grid Direction, Add 8.41°



Azimuths to Grid North
 True North: -0.18°
 Magnetic North: 8.41°

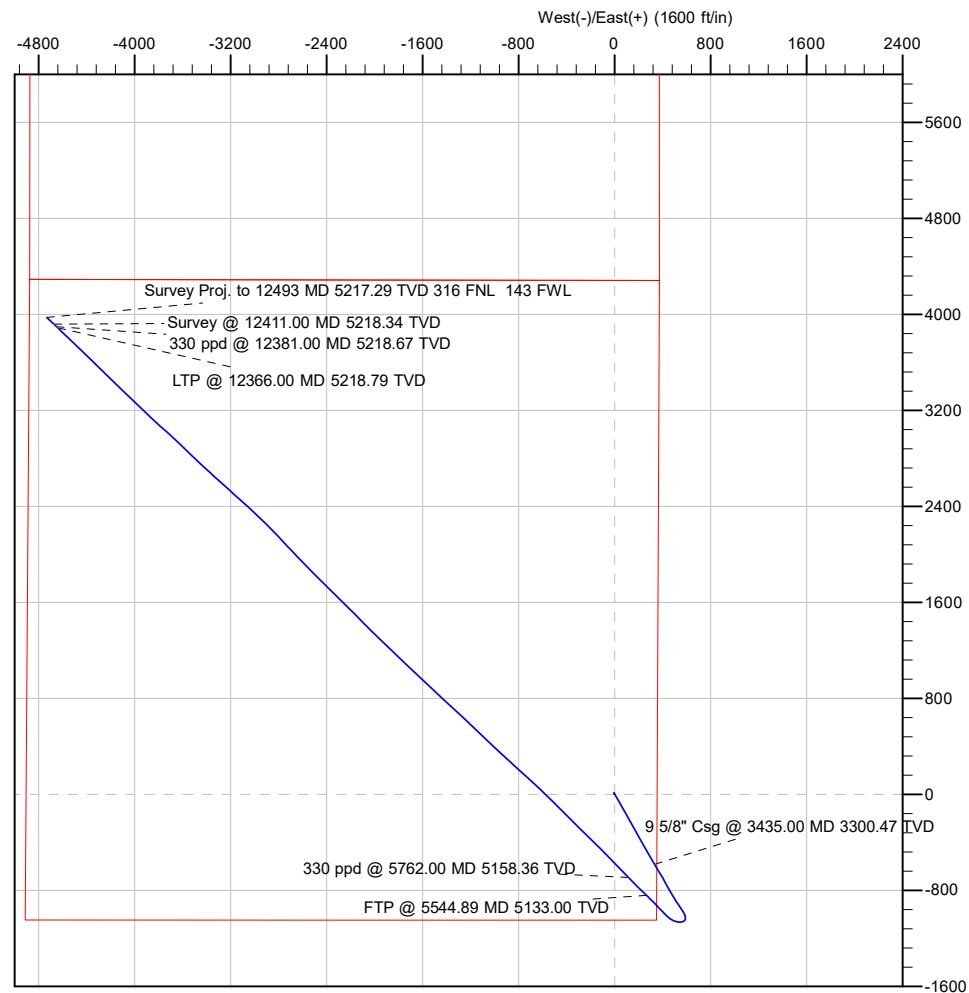
Magnetic Field
 Strength: 49184.3nT
 Dip Angle: 62.71°
 Date: 7/22/2022
 Model: IGRF2020



Vertical Section at 314.065° (800 ft/in)

ANNOTATIONS SURVEYS

MD	Inc	Azi	TVD	+N/-S	+E/-W	V Sect	Annotation
401.00	1.00	341.720	400.98	3.32	-1.10	3.10	MWD surveys
3435.00	23.34	148.846	3300.47	-582.16	334.40	-645.16	9 5/8" Csg @ 3435.00 MD 3300.47 TVD
5544.89	70.36	313.725	5133.00	-841.05	267.77	-777.33	FTP @ 5544.89 MD 5133.00 TVD
5762.00	91.79	315.844	5158.36	-690.25	115.91	-563.34	330 ppd @ 5762.00 MD 5158.36 TVD
12366.00	90.40	313.515	5218.79	3888.51	-4639.16	6037.83	LTP @ 12366.00 MD 5218.79 TVD
12381.00	90.51	313.483	5218.67	3898.84	-4650.04	6052.83	330 ppd @ 12381.00 MD 5218.67 TVD
12411.00	90.74	313.420	5218.34	3919.47	-4671.82	6082.83	Survey @ 12411.00 MD 5218.34 TVD
12493.00	90.74	313.420	5217.29	3975.83	-4731.37	6164.82	Survey Proj. to 12493 MD 5217.29 TVD 316 FNL 143 FWL



Survey Proj. to 12493 MD 5217.29 TVD 316 FNL 143 FWL
 Survey @ 12411.00 MD 5218.34 TVD
 330 ppd @ 12381.00 MD 5218.67 TVD
 LTP @ 12366.00 MD 5218.79 TVD

(in ft 0091) (+) North (-) South



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Chaco Unit 908 H
Project:	Sandoval County, New Mexico NAD83 NmW	TVD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Site:	S Chaco Unit 344 Pad (344, 345 & 908)	MD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Well:	S Chaco Unit 908 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

Project	Sandoval County, New Mexico NAD83 NmW		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site	S Chaco Unit 344 Pad (344, 345 & 908)		
Site Position:		Northing:	1,879,087.903 usft
From:	Lat/Long	Easting:	2,810,639.945 usft
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "
		Latitude:	36.163894000
		Longitude:	-107.536735000

Well	S Chaco Unit 908 H, Surf loc: 1047 FSL 356 FEL Section 02-T22N-R07W		
Well Position	+N/-S	0.00 ft	Northing: 1,879,107.923 usft
	+E/-W	0.00 ft	Easting: 2,810,639.589 usft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
Grid Convergence:	0.18 °	Ground Level:	7,003.00 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	7/22/2022	8.59	62.71	49,184.28229493

Design	Surveys Original Hole				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	314.065	

Survey Program	Date	8/23/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
401.00	3,375.00	MWD surf (Original Hole)	MWD	OWSG MWD - Standard	
3,453.00	12,411.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
12,493.00	12,493.00	Projection (Original Hole)	MWD	OWSG MWD - Standard	

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
401.00	1.00	341.720	400.98	3.32	-1.10	3.10	0.25	0.25	0.00
MWD surveys									
492.00	1.08	355.710	491.96	4.93	-1.41	4.44	0.29	0.09	15.37
583.00	0.99	355.360	582.95	6.57	-1.54	5.68	0.10	-0.10	-0.38
675.00	0.96	345.350	674.94	8.11	-1.80	6.93	0.19	-0.03	-10.88
765.00	0.60	342.390	764.93	9.29	-2.13	7.99	0.40	-0.40	-3.29
855.00	0.46	325.420	854.92	10.03	-2.48	8.76	0.23	-0.16	-18.86



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Chaco Unit 908 H
Project:	Sandoval County, New Mexico NAD83 NmW	TVD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Site:	S Chaco Unit 344 Pad (344, 345 & 908)	MD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Well:	S Chaco Unit 908 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
947.00	0.50	324.950	946.92	10.67	-2.92	9.52	0.04	0.04	-0.51
1,037.00	0.50	328.270	1,036.92	11.32	-3.35	10.28	0.03	0.00	3.69
1,131.00	0.48	301.560	1,130.91	11.88	-3.90	11.06	0.24	-0.02	-28.41
1,226.00	0.56	326.310	1,225.91	12.47	-4.50	11.91	0.25	0.08	26.05
1,321.00	0.34	338.800	1,320.91	13.12	-4.86	12.62	0.25	-0.23	13.15
1,416.00	1.89	144.540	1,415.89	12.11	-4.05	11.33	2.34	1.63	174.46
1,511.00	4.38	148.090	1,510.74	7.75	-1.22	6.27	2.63	2.62	3.74
1,606.00	7.18	149.720	1,605.25	-0.46	3.69	-2.97	2.95	2.95	1.72
1,700.00	10.57	151.210	1,698.11	-13.09	10.80	-16.87	3.61	3.61	1.59
1,795.00	13.30	150.600	1,791.05	-30.25	20.37	-35.67	2.88	2.87	-0.64
1,889.00	15.62	148.650	1,882.07	-50.48	32.26	-58.29	2.52	2.47	-2.07
1,984.00	18.01	148.480	1,973.00	-73.92	46.59	-84.89	2.52	2.52	-0.18
2,078.00	21.79	150.770	2,061.37	-101.55	62.72	-115.69	4.11	4.02	2.44
2,172.00	25.04	151.950	2,147.62	-134.34	80.60	-151.34	3.49	3.46	1.26
2,266.00	24.72	151.610	2,232.89	-169.18	99.29	-189.01	0.37	-0.34	-0.36
2,361.00	25.90	150.530	2,318.77	-204.72	118.95	-227.85	1.33	1.24	-1.14
2,456.00	25.93	150.430	2,404.22	-240.85	139.41	-267.68	0.06	0.03	-0.11
2,550.00	25.74	150.210	2,488.83	-276.44	159.69	-307.00	0.23	-0.20	-0.23
2,644.00	25.45	150.340	2,573.60	-311.71	179.82	-346.00	0.31	-0.31	0.14
2,738.00	25.02	150.360	2,658.63	-346.54	199.65	-384.46	0.46	-0.46	0.02
2,832.00	23.34	150.500	2,744.38	-380.02	218.65	-421.41	1.79	-1.79	0.15
2,926.00	21.98	150.430	2,831.12	-411.53	236.50	-456.15	1.45	-1.45	-0.07
3,021.00	21.87	151.510	2,919.25	-442.54	253.71	-490.08	0.44	-0.12	1.14
3,114.00	21.30	151.480	3,005.73	-472.61	270.04	-522.73	0.61	-0.61	-0.03
3,208.00	22.88	149.560	3,092.83	-503.37	287.45	-556.63	1.85	1.68	-2.04
3,303.00	24.50	149.270	3,179.82	-536.22	306.88	-593.44	1.71	1.71	-0.31
3,375.00	23.90	149.060	3,245.49	-561.57	322.00	-621.93	0.84	-0.83	-0.29
3,435.00	23.34	148.846	3,300.47	-582.16	334.40	-645.16	0.95	-0.94	-0.36
9 5/8" Csg @ 3435.00 MD 3300.47 TVD									
3,453.00	23.17	148.780	3,317.00	-588.24	338.08	-652.04	0.95	-0.94	-0.37
3,547.00	19.32	151.480	3,404.60	-617.73	355.10	-684.77	4.22	-4.10	2.87
3,641.00	21.42	144.930	3,492.73	-645.45	372.39	-716.47	3.29	2.23	-6.97
3,736.00	15.58	150.250	3,582.79	-670.75	388.70	-745.79	6.39	-6.15	5.60
3,830.00	17.50	151.680	3,672.89	-694.15	401.67	-771.39	2.09	2.04	1.52
3,925.00	23.32	151.510	3,761.89	-723.28	417.43	-802.97	6.13	6.13	-0.18
4,020.00	30.65	151.780	3,846.49	-761.19	437.88	-844.03	7.72	7.72	0.28
4,114.00	30.15	150.090	3,927.57	-802.77	460.98	-889.54	1.05	-0.53	-1.80
4,208.00	31.38	148.590	4,008.34	-844.12	485.51	-935.92	1.54	1.31	-1.60
4,302.00	30.17	147.340	4,089.10	-884.89	511.01	-982.61	1.46	-1.29	-1.33
4,396.00	28.83	147.010	4,170.91	-923.79	536.10	-1,027.69	1.44	-1.43	-0.35
4,490.00	27.96	146.030	4,253.60	-961.08	560.75	-1,071.33	1.05	-0.93	-1.04
4,522.00	26.32	146.170	4,282.08	-973.19	568.89	-1,085.61	5.13	-5.13	0.44
4,553.00	24.41	148.990	4,310.09	-984.39	576.02	-1,098.52	7.29	-6.16	9.10
4,584.00	21.98	153.180	4,338.58	-995.06	581.94	-1,110.19	9.47	-7.84	13.52



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Chaco Unit 908 H
Project:	Sandoval County, New Mexico NAD83 NmW	TVD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Site:	S Chaco Unit 344 Pad (344, 345 & 908)	MD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Well:	S Chaco Unit 908 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,615.00	19.35	158.280	4,367.59	-1,005.01	586.46	-1,120.36	10.27	-8.48	16.45
4,647.00	17.11	165.780	4,397.99	-1,014.50	589.58	-1,129.20	10.12	-7.00	23.44
4,678.00	15.09	172.970	4,427.77	-1,022.93	591.19	-1,136.22	9.14	-6.52	23.19
4,710.00	12.90	181.210	4,458.82	-1,030.64	591.63	-1,141.90	9.24	-6.84	25.75
4,741.00	11.26	191.520	4,489.14	-1,037.06	590.95	-1,145.88	8.72	-5.29	33.26
4,772.00	10.17	201.950	4,519.60	-1,042.57	589.32	-1,148.54	7.16	-3.52	33.65
4,803.00	10.18	217.650	4,550.12	-1,047.28	586.63	-1,149.87	8.92	0.03	50.65
4,834.00	12.15	231.260	4,580.54	-1,051.49	582.41	-1,149.77	10.57	6.35	43.90
4,865.00	14.53	240.500	4,610.70	-1,055.45	576.48	-1,148.26	10.28	7.68	29.81
4,897.00	17.13	249.930	4,641.49	-1,059.04	568.55	-1,145.07	11.41	8.13	29.47
4,928.00	18.68	259.820	4,671.00	-1,061.49	559.38	-1,140.18	10.99	5.00	31.90
4,960.00	20.13	267.400	4,701.18	-1,062.64	548.83	-1,133.40	9.07	4.53	23.69
4,991.00	22.52	273.520	4,730.06	-1,062.52	537.57	-1,125.23	10.53	7.71	19.74
5,023.00	24.50	279.190	4,759.41	-1,061.08	524.90	-1,115.12	9.39	6.19	17.72
5,054.00	26.30	284.320	4,787.41	-1,058.36	511.90	-1,103.89	9.17	5.81	16.55
5,086.00	28.01	290.030	4,815.89	-1,054.03	497.97	-1,090.87	9.74	5.34	17.84
5,117.00	28.90	296.270	4,843.15	-1,048.22	484.41	-1,077.08	10.01	2.87	20.13
5,148.00	29.89	301.660	4,870.16	-1,040.85	471.11	-1,062.40	9.11	3.19	17.39
5,180.00	31.24	308.000	4,897.72	-1,031.55	457.78	-1,046.36	10.92	4.22	19.81
5,211.00	33.21	312.360	4,923.95	-1,020.88	445.17	-1,029.88	9.83	6.35	14.06
5,243.00	35.51	315.010	4,950.37	-1,008.40	432.13	-1,011.82	8.57	7.19	8.28
5,274.00	38.66	316.070	4,975.09	-995.06	419.04	-993.14	10.37	10.16	3.42
5,305.00	41.98	315.970	4,998.73	-980.62	405.11	-973.09	10.71	10.71	-0.32
5,337.00	45.19	316.080	5,021.90	-964.75	389.80	-951.05	10.03	10.03	0.34
5,368.00	48.95	316.220	5,043.01	-948.38	374.07	-928.37	12.13	12.13	0.45
5,399.00	52.30	316.290	5,062.68	-931.07	357.51	-904.43	10.81	10.81	0.23
5,430.00	55.68	316.190	5,080.90	-912.97	340.17	-879.37	10.91	10.90	-0.32
5,462.00	59.84	315.600	5,097.97	-893.54	321.33	-852.32	13.09	13.00	-1.84
5,493.00	63.68	314.530	5,112.63	-874.21	302.04	-825.02	12.75	12.39	-3.45
5,524.00	67.38	313.910	5,125.47	-854.54	281.82	-796.81	12.07	11.94	-2.00
5,544.89	70.36	313.725	5,133.00	-841.05	267.77	-777.33	14.27	14.25	-0.88
FTP @ 5544.89 MD 5133.00 TVD									
5,556.00	71.94	313.630	5,136.59	-833.79	260.16	-766.82	14.27	14.25	-0.86
5,587.00	75.68	313.960	5,145.23	-813.19	238.68	-737.05	12.11	12.06	1.06
5,619.00	79.22	314.500	5,152.18	-791.40	216.30	-705.82	11.18	11.06	1.69
5,650.00	83.27	315.050	5,156.90	-769.83	194.55	-675.19	13.18	13.06	1.77
5,681.00	87.88	315.360	5,159.29	-747.90	172.78	-644.30	14.90	14.87	1.00
5,713.00	91.08	315.120	5,159.58	-725.18	150.26	-612.31	10.03	10.00	-0.75
5,762.00	91.79	315.844	5,158.36	-690.25	115.91	-563.34	2.07	1.45	1.48
330 ppd @ 5762.00 MD 5158.36 TVD									
5,807.00	92.44	316.510	5,156.70	-657.81	84.77	-518.40	2.07	1.45	1.48
5,902.00	91.15	316.070	5,153.72	-589.18	19.16	-423.52	1.43	-1.36	-0.46
5,996.00	89.21	315.380	5,153.43	-521.88	-46.46	-329.57	2.19	-2.06	-0.73



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Chaco Unit 908 H
Project:	Sandoval County, New Mexico NAD83 NmW	TVD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Site:	S Chaco Unit 344 Pad (344, 345 & 908)	MD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Well:	S Chaco Unit 908 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
6,090.00	90.32	315.010	5,153.81	-455.18	-112.70	-235.59	1.24	1.18	-0.39	
6,184.00	89.58	314.310	5,153.89	-389.11	-179.56	-141.60	1.08	-0.79	-0.74	
6,278.00	88.57	314.740	5,155.41	-323.21	-246.56	-47.61	1.17	-1.07	0.46	
6,373.00	87.51	314.080	5,158.66	-256.77	-314.39	47.33	1.31	-1.12	-0.69	
6,467.00	87.75	314.660	5,162.55	-191.09	-381.52	141.25	0.67	0.26	0.62	
6,561.00	87.83	314.730	5,166.17	-125.03	-448.29	235.17	0.11	0.09	0.07	
6,655.00	87.93	314.810	5,169.65	-58.87	-514.98	329.10	0.14	0.11	0.09	
6,750.00	88.27	315.510	5,172.80	8.45	-581.93	424.03	0.82	0.36	0.74	
6,844.00	87.99	311.690	5,175.87	73.23	-649.96	517.96	4.07	-0.30	-4.06	
6,938.00	88.17	311.930	5,179.02	135.86	-719.98	611.83	0.32	0.19	0.26	
7,033.00	88.79	312.120	5,181.54	199.44	-790.53	706.74	0.68	0.65	0.20	
7,127.00	89.83	312.320	5,182.67	262.60	-860.13	800.68	1.13	1.11	0.21	
7,221.00	90.63	312.690	5,182.29	326.11	-929.43	894.64	0.94	0.85	0.39	
7,315.00	89.88	314.290	5,181.87	390.80	-997.62	988.64	1.88	-0.80	1.70	
7,410.00	89.98	313.930	5,181.99	456.92	-1,065.83	1,083.63	0.39	0.11	-0.38	
7,504.00	89.00	313.350	5,182.83	521.79	-1,133.86	1,177.63	1.21	-1.04	-0.62	
7,598.00	89.27	312.810	5,184.25	585.99	-1,202.51	1,271.60	0.64	0.29	-0.57	
7,693.00	90.27	312.670	5,184.63	650.46	-1,272.28	1,366.57	1.06	1.05	-0.15	
7,787.00	89.14	313.230	5,185.11	714.51	-1,341.08	1,460.55	1.34	-1.20	0.60	
7,881.00	89.73	312.910	5,186.04	778.69	-1,409.74	1,554.53	0.71	0.63	-0.34	
7,976.00	90.25	312.540	5,186.05	843.15	-1,479.53	1,649.51	0.67	0.55	-0.39	
8,070.00	88.30	313.730	5,187.24	907.41	-1,548.12	1,743.48	2.43	-2.07	1.27	
8,164.00	88.72	313.270	5,189.69	972.09	-1,616.28	1,837.44	0.66	0.45	-0.49	
8,258.00	89.77	313.820	5,190.93	1,036.84	-1,684.41	1,931.43	1.26	1.12	0.59	
8,352.00	90.07	312.710	5,191.06	1,101.27	-1,752.86	2,025.42	1.22	0.32	-1.18	
8,446.00	90.52	314.500	5,190.57	1,166.10	-1,820.92	2,119.41	1.96	0.48	1.90	
8,541.00	90.66	313.590	5,189.60	1,232.14	-1,889.20	2,214.41	0.97	0.15	-0.96	
8,635.00	88.54	314.240	5,190.25	1,297.33	-1,956.91	2,308.40	2.36	-2.26	0.69	
8,729.00	88.84	314.030	5,192.40	1,362.77	-2,024.35	2,402.37	0.39	0.32	-0.22	
8,824.00	89.80	315.050	5,193.53	1,429.40	-2,092.06	2,497.36	1.47	1.01	1.07	
8,918.00	90.93	315.920	5,192.93	1,496.42	-2,157.96	2,591.33	1.52	1.20	0.93	
9,012.00	89.94	314.030	5,192.22	1,562.85	-2,224.45	2,685.31	2.27	-1.05	-2.01	
9,107.00	88.54	314.110	5,193.48	1,628.92	-2,292.70	2,780.30	1.48	-1.47	0.08	
9,201.00	89.68	314.690	5,194.94	1,694.68	-2,359.85	2,874.28	1.36	1.21	0.62	
9,295.00	91.05	315.200	5,194.34	1,761.08	-2,426.38	2,968.27	1.56	1.46	0.54	
9,389.00	88.57	314.960	5,194.65	1,827.64	-2,492.75	3,062.24	2.65	-2.64	-0.26	
9,484.00	89.98	315.590	5,195.85	1,895.13	-2,559.59	3,157.21	1.63	1.48	0.66	
9,578.00	88.72	316.120	5,196.92	1,962.57	-2,625.06	3,251.16	1.45	-1.34	0.56	
9,672.00	89.72	317.180	5,198.20	2,030.92	-2,689.58	3,345.05	1.55	1.06	1.13	
9,767.00	88.37	315.810	5,199.78	2,099.81	-2,754.96	3,439.95	2.02	-1.42	-1.44	
9,861.00	89.80	316.980	5,201.28	2,167.87	-2,819.78	3,533.85	1.97	1.52	1.24	
9,955.00	88.24	316.040	5,202.89	2,236.05	-2,884.46	3,627.75	1.94	-1.66	-1.00	
10,050.00	87.80	313.460	5,206.17	2,302.89	-2,951.88	3,722.68	2.75	-0.46	-2.72	
10,144.00	87.50	311.560	5,210.03	2,366.35	-3,021.12	3,816.56	2.04	-0.32	-2.02	



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Chaco Unit 908 H
Project:	Sandoval County, New Mexico NAD83 NmW	TVD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Site:	S Chaco Unit 344 Pad (344, 345 & 908)	MD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Well:	S Chaco Unit 908 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
10,238.00	88.61	312.190	5,213.22	2,429.06	-3,091.07	3,910.44	1.36	1.18	0.67
10,333.00	89.43	312.700	5,214.84	2,493.16	-3,161.16	4,005.38	1.02	0.86	0.54
10,428.00	90.23	312.260	5,215.12	2,557.32	-3,231.22	4,100.35	0.96	0.84	-0.46
10,522.00	90.58	311.560	5,214.46	2,620.10	-3,301.17	4,194.28	0.83	0.37	-0.74
10,616.00	89.87	312.820	5,214.09	2,683.23	-3,370.82	4,288.22	1.54	-0.76	1.34
10,711.00	90.31	312.240	5,213.94	2,747.45	-3,440.82	4,383.19	0.77	0.46	-0.61
10,805.00	89.70	313.960	5,213.93	2,811.67	-3,509.46	4,477.17	1.94	-0.65	1.83
10,900.00	90.43	314.580	5,213.82	2,877.99	-3,577.48	4,572.17	1.01	0.77	0.65
10,994.00	89.86	312.580	5,213.59	2,942.78	-3,645.57	4,666.16	2.21	-0.61	-2.13
11,089.00	89.72	312.450	5,213.93	3,006.98	-3,715.60	4,761.12	0.20	-0.15	-0.14
11,183.00	89.96	311.510	5,214.20	3,069.85	-3,785.47	4,855.06	1.03	0.26	-1.00
11,277.00	89.44	313.070	5,214.69	3,133.10	-3,855.01	4,949.01	1.75	-0.55	1.66
11,372.00	90.70	313.680	5,214.57	3,198.34	-3,924.06	5,044.00	1.47	1.33	0.64
11,466.00	91.46	314.130	5,212.80	3,263.52	-3,991.77	5,137.98	0.94	0.81	0.48
11,561.00	89.23	314.300	5,212.23	3,329.76	-4,059.85	5,232.98	2.35	-2.35	0.18
11,655.00	89.64	314.100	5,213.16	3,395.29	-4,127.24	5,326.97	0.49	0.44	-0.21
11,749.00	90.69	313.790	5,212.89	3,460.52	-4,194.92	5,420.97	1.16	1.12	-0.33
11,843.00	91.19	313.350	5,211.34	3,525.30	-4,263.02	5,514.95	0.71	0.53	-0.47
11,938.00	89.00	315.090	5,211.19	3,591.55	-4,331.09	5,609.94	2.94	-2.31	1.83
12,032.00	88.15	314.210	5,213.52	3,657.59	-4,397.94	5,703.91	1.30	-0.90	-0.94
12,126.00	88.53	313.810	5,216.25	3,722.87	-4,465.52	5,797.87	0.59	0.40	-0.43
12,221.00	89.08	313.630	5,218.23	3,788.51	-4,534.17	5,892.84	0.61	0.58	-0.19
12,316.00	90.02	313.620	5,218.97	3,854.05	-4,602.93	5,987.84	0.99	0.99	-0.01
12,366.00	90.40	313.515	5,218.79	3,888.51	-4,639.16	6,037.83	0.79	0.76	-0.21
LTP @ 12366.00 MD 5218.79 TVD									
12,381.00	90.51	313.483	5,218.67	3,898.84	-4,650.04	6,052.83	0.79	0.76	-0.21
330 ppd @ 12381.00 MD 5218.67 TVD									
12,411.00	90.74	313.420	5,218.34	3,919.47	-4,671.82	6,082.83	0.79	0.76	-0.21
Survey @ 12411.00 MD 5218.34 TVD									
12,493.00	90.74	313.420	5,217.29	3,975.83	-4,731.37	6,164.82	0.00	0.00	0.00
Survey Proj. to 12493 MD 5217.29 TVD 316 FNL 143 FWL									



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Chaco Unit 908 H
Project:	Sandoval County, New Mexico NAD83 NmW	TVD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Site:	S Chaco Unit 344 Pad (344, 345 & 908)	MD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Well:	S Chaco Unit 908 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
401.00	400.98	3.32	-1.10	MWD surveys
3,435.00	3,300.47	-582.16	334.40	9 5/8" Csg @ 3435.00 MD 3300.47 TVD
5,544.89	5,133.00	-841.05	267.77	FTP @ 5544.89 MD 5133.00 TVD
5,762.00	5,158.36	-690.25	115.91	330 ppd @ 5762.00 MD 5158.36 TVD
12,366.00	5,218.79	3,888.51	-4,639.16	LTP @ 12366.00 MD 5218.79 TVD
12,381.00	5,218.67	3,898.84	-4,650.04	330 ppd @ 12381.00 MD 5218.67 TVD
12,411.00	5,218.34	3,919.47	-4,671.82	Survey @ 12411.00 MD 5218.34 TVD
12,493.00	5,217.29	3,975.83	-4,731.37	Survey Proj. to 12493 MD 5217.29 TVD 316 FNL 143 FWL



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Chaco Unit 908 H
Project:	Sandoval County, New Mexico NAD83 NmW	TVD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Site:	S Chaco Unit 344 Pad (344, 345 & 908)	MD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Well:	S Chaco Unit 908 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

Project	Sandoval County, New Mexico NAD83 NmW		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site	S Chaco Unit 344 Pad (344, 345 & 908)		
Site Position:		Northing:	1,879,087.903 usft
From:	Lat/Long	Easting:	2,810,639.945 usft
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "
		Latitude:	36.163894000
		Longitude:	-107.536735000
		Grid Convergence:	0.18 °

Well	S Chaco Unit 908 H, Surf loc: 1047 FSL 356 FEL Section 02-T22N-R07W		
Well Position	+N/-S	0.00 ft	Northing: 1,879,107.923 usft
	+E/-W	0.00 ft	Easting: 2,810,639.589 usft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	36.163949000
		Longitude:	-107.536736000
		Ground Level:	7,003.00 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	7/22/2022	8.59	62.71	49,184.28229493

Design	Surveys Original Hole			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	314.065

Survey Program	Date	8/23/2022		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
401.00	3,375.00	MWD surf (Original Hole)	MWD	OWSG MWD - Standard
3,453.00	12,411.00	MWD (Original Hole)	MWD	OWSG MWD - Standard
12,493.00	12,493.00	Projection (Original Hole)	MWD	OWSG MWD - Standard

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.000	0.00	0.00	0.00	1,879,107.923	2,810,639.589	36.163949000	-107.536736000
401.00	1.00	341.720	400.98	3.32	-1.10	1,879,111.245	2,810,638.491	36.163958137	-107.536739684
MWD surveys									
492.00	1.08	355.710	491.96	4.93	-1.41	1,879,112.855	2,810,638.178	36.163962560	-107.536740729
583.00	0.99	355.360	582.95	6.57	-1.54	1,879,114.493	2,810,638.050	36.163967063	-107.536741145
675.00	0.96	345.350	674.94	8.11	-1.80	1,879,116.031	2,810,637.791	36.163971290	-107.536742007
765.00	0.60	342.390	764.93	9.29	-2.13	1,879,117.210	2,810,637.458	36.163974530	-107.536743124
855.00	0.46	325.420	854.92	10.03	-2.48	1,879,117.956	2,810,637.110	36.163976584	-107.536744294
947.00	0.50	324.950	946.92	10.67	-2.92	1,879,118.589	2,810,636.670	36.163978326	-107.536745778
1,037.00	0.50	328.270	1,036.92	11.32	-3.35	1,879,119.245	2,810,636.238	36.163980130	-107.536747235



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Chaco Unit 908 H
Project:	Sandoval County, New Mexico NAD83 NmW	TVD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Site:	S Chaco Unit 344 Pad (344, 345 & 908)	MD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Well:	S Chaco Unit 908 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,131.00	0.48	301.560	1,130.91	11.88	-3.90	1,879,119.799	2,810,635.687	36.163981659	-107.536749097
1,226.00	0.56	326.310	1,225.91	12.47	-4.50	1,879,120.394	2,810,635.090	36.163983297	-107.536751112
1,321.00	0.34	338.800	1,320.91	13.12	-4.86	1,879,121.043	2,810,634.731	36.163985083	-107.536752323
1,416.00	1.89	144.540	1,415.89	12.11	-4.05	1,879,120.030	2,810,635.538	36.163982293	-107.536749599
1,511.00	4.38	148.090	1,510.74	7.75	-1.22	1,879,115.674	2,810,638.364	36.163970303	-107.536740068
1,606.00	7.18	149.720	1,605.25	-0.46	3.69	1,879,107.466	2,810,643.276	36.163947713	-107.536723512
1,700.00	10.57	151.210	1,698.11	-13.09	10.80	1,879,094.833	2,810,650.393	36.163912951	-107.536699534
1,795.00	13.30	150.600	1,791.05	-30.25	20.37	1,879,077.674	2,810,659.955	36.163865732	-107.536667317
1,889.00	15.62	148.650	1,882.07	-50.48	32.26	1,879,057.444	2,810,671.848	36.163810059	-107.536627234
1,984.00	18.01	148.480	1,973.00	-73.92	46.59	1,879,033.998	2,810,686.183	36.163745533	-107.536578916
2,078.00	21.79	150.770	2,061.37	-101.55	62.72	1,879,006.375	2,810,702.306	36.163669514	-107.536524582
2,172.00	25.04	151.950	2,147.62	-134.34	80.60	1,878,973.585	2,810,720.185	36.163579287	-107.536464353
2,266.00	24.72	151.610	2,232.89	-169.18	99.29	1,878,938.738	2,810,738.884	36.163483402	-107.536401363
2,361.00	25.90	150.530	2,318.77	-204.72	118.95	1,878,903.198	2,810,758.537	36.163385607	-107.536335153
2,456.00	25.93	150.430	2,404.22	-240.85	139.41	1,878,867.070	2,810,778.994	36.163286186	-107.536266223
2,550.00	25.74	150.210	2,488.83	-276.44	159.69	1,878,831.481	2,810,799.277	36.163188249	-107.536197878
2,644.00	25.45	150.340	2,573.60	-311.71	179.82	1,878,796.216	2,810,819.413	36.163091204	-107.536130030
2,738.00	25.02	150.360	2,658.63	-346.54	199.65	1,878,761.388	2,810,839.238	36.162995363	-107.536063228
2,832.00	23.34	150.500	2,744.38	-380.02	218.65	1,878,727.902	2,810,858.239	36.162903214	-107.535999204
2,926.00	21.98	150.430	2,831.12	-411.53	236.50	1,878,696.394	2,810,876.090	36.162816509	-107.535939056
3,021.00	21.87	151.510	2,919.25	-442.54	253.71	1,878,665.380	2,810,893.304	36.162731166	-107.535881063
3,114.00	21.30	151.480	3,005.73	-472.61	270.04	1,878,635.314	2,810,909.631	36.162648436	-107.535826062
3,208.00	22.88	149.560	3,092.83	-503.37	287.45	1,878,604.556	2,810,927.043	36.162563794	-107.535767397
3,303.00	24.50	149.270	3,179.82	-536.22	306.88	1,878,571.700	2,810,946.466	36.162473371	-107.535701937
3,375.00	23.90	149.060	3,245.49	-561.57	322.00	1,878,546.357	2,810,961.593	36.162403625	-107.535650953
3,435.00	23.34	148.846	3,300.47	-582.16	334.40	1,878,525.761	2,810,973.991	36.162346942	-107.535609167
9 5/8" Csg @ 3435.00 MD 3300.47 TVD									
3,453.00	23.17	148.780	3,317.00	-588.24	338.08	1,878,519.682	2,810,977.671	36.162330210	-107.535596764
3,547.00	19.32	151.480	3,404.60	-617.73	355.10	1,878,490.193	2,810,994.687	36.162249058	-107.535539423
3,641.00	21.42	144.930	3,492.73	-645.45	372.39	1,878,462.475	2,811,011.978	36.162172770	-107.535481135
3,736.00	15.58	150.250	3,582.79	-670.75	388.70	1,878,437.177	2,811,028.291	36.162103137	-107.535426134
3,830.00	17.50	151.680	3,672.89	-694.15	401.67	1,878,413.774	2,811,041.261	36.162038737	-107.535382439
3,925.00	23.32	151.510	3,761.89	-723.28	417.43	1,878,384.648	2,811,057.020	36.161958594	-107.535329355
4,020.00	30.65	151.780	3,846.49	-761.19	437.88	1,878,346.733	2,811,077.468	36.161854266	-107.535260478
4,114.00	30.15	150.090	3,927.57	-802.77	460.98	1,878,305.158	2,811,100.569	36.161739859	-107.535182650
4,208.00	31.38	148.590	4,008.34	-844.12	485.51	1,878,263.806	2,811,125.096	36.161626056	-107.535099991
4,302.00	30.17	147.340	4,089.10	-884.89	511.01	1,878,223.031	2,811,150.599	36.161513829	-107.535014020
4,396.00	28.83	147.010	4,170.91	-923.79	536.10	1,878,184.134	2,811,175.687	36.161406763	-107.534929433
4,490.00	27.96	146.030	4,253.60	-961.08	560.75	1,878,146.848	2,811,200.341	36.161304127	-107.534846302
4,522.00	26.32	146.170	4,282.08	-973.19	568.89	1,878,134.733	2,811,208.483	36.161270777	-107.534818847
4,553.00	24.41	148.990	4,310.09	-984.39	576.02	1,878,123.532	2,811,215.610	36.161239948	-107.534794820
4,584.00	21.98	153.180	4,338.58	-995.06	581.94	1,878,112.863	2,811,221.529	36.161210587	-107.534774880
4,615.00	19.35	158.280	4,367.59	-1,005.01	586.46	1,878,102.912	2,811,226.048	36.161183213	-107.534759673
4,647.00	17.11	165.780	4,397.99	-1,014.50	589.58	1,878,093.421	2,811,229.167	36.161157115	-107.534749206
4,678.00	15.09	172.970	4,427.77	-1,022.93	591.19	1,878,084.994	2,811,230.782	36.161133952	-107.534743825
4,710.00	12.90	181.210	4,458.82	-1,030.64	591.63	1,878,077.287	2,811,231.216	36.161112776	-107.534742433
4,741.00	11.26	191.520	4,489.14	-1,037.06	590.95	1,878,070.861	2,811,230.538	36.161095128	-107.534744796
4,772.00	10.17	201.950	4,519.60	-1,042.57	589.32	1,878,065.356	2,811,228.911	36.161080020	-107.534750367
4,803.00	10.18	217.650	4,550.12	-1,047.28	586.63	1,878,060.648	2,811,226.214	36.161067109	-107.534759552
4,834.00	12.15	231.260	4,580.54	-1,051.49	582.41	1,878,056.436	2,811,221.995	36.161055575	-107.534773889
4,865.00	14.53	240.500	4,610.70	-1,055.45	576.48	1,878,052.478	2,811,216.064	36.161044753	-107.534794021
4,897.00	17.13	249.930	4,641.49	-1,059.04	568.55	1,878,048.883	2,811,208.141	36.161034944	-107.534820899
4,928.00	18.68	259.820	4,671.00	-1,061.49	559.38	1,878,046.439	2,811,198.964	36.161028305	-107.534852013
4,960.00	20.13	267.400	4,701.18	-1,062.64	548.83	1,878,045.283	2,811,188.417	36.161025220	-107.534887754
4,991.00	22.52	273.520	4,730.06	-1,062.52	537.57	1,878,045.405	2,811,177.160	36.161025651	-107.534925889



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Chaco Unit 908 H
Project:	Sandoval County, New Mexico NAD83 NmW	TVD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Site:	S Chaco Unit 344 Pad (344, 345 & 908)	MD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Well:	S Chaco Unit 908 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,023.00	24.50	279.190	4,759.41	-1,061.08	524.90	1,878,046.842	2,811,164.491	36.161029704	-107.534968793
5,054.00	26.30	284.320	4,787.41	-1,058.36	511.90	1,878,049.567	2,811,151.489	36.161037301	-107.535012812
5,086.00	28.01	290.030	4,815.89	-1,054.03	497.97	1,878,053.895	2,811,137.557	36.161049309	-107.535059963
5,117.00	28.90	296.270	4,843.15	-1,048.22	484.41	1,878,059.706	2,811,123.997	36.161065384	-107.535105837
5,148.00	29.89	301.660	4,870.16	-1,040.85	471.11	1,878,067.077	2,811,110.703	36.161085745	-107.535150798
5,180.00	31.24	308.000	4,897.72	-1,031.55	457.78	1,878,076.373	2,811,097.373	36.161111396	-107.535195858
5,211.00	33.21	312.360	4,923.95	-1,020.88	445.17	1,878,087.045	2,811,084.762	36.161140819	-107.535238467
5,243.00	35.51	315.010	4,950.37	-1,008.40	432.13	1,878,099.525	2,811,071.714	36.161175211	-107.535282541
5,274.00	38.66	316.070	4,975.09	-995.06	419.04	1,878,112.869	2,811,058.628	36.161211979	-107.535326734
5,305.00	41.98	315.970	4,998.73	-980.62	405.11	1,878,127.300	2,811,044.701	36.161251741	-107.535373765
5,337.00	45.19	316.080	5,021.90	-964.75	389.80	1,878,143.175	2,811,029.385	36.161295480	-107.535425486
5,368.00	48.95	316.220	5,043.01	-948.38	374.07	1,878,159.541	2,811,013.664	36.161340572	-107.535478573
5,399.00	52.30	316.290	5,062.68	-931.07	357.51	1,878,176.851	2,810,997.097	36.161388262	-107.535534516
5,430.00	55.68	316.190	5,080.90	-912.97	340.17	1,878,194.959	2,810,979.755	36.161438153	-107.535593076
5,462.00	59.84	315.600	5,097.97	-893.54	321.33	1,878,214.388	2,810,960.920	36.161491684	-107.535656682
5,493.00	63.68	314.530	5,112.63	-874.21	302.04	1,878,233.714	2,810,941.631	36.161544936	-107.535721825
5,524.00	67.38	313.910	5,125.47	-854.54	281.82	1,878,253.386	2,810,921.412	36.161599149	-107.535790116
5,544.89	70.36	313.725	5,133.00	-841.05	267.77	1,878,266.874	2,810,907.356	36.161636318	-107.535837595
FTP @ 5544.89 MD 5133.00 TVD									
5,556.00	71.94	313.630	5,136.59	-833.79	260.16	1,878,274.136	2,810,899.750	36.161656333	-107.535863285
5,587.00	75.68	313.960	5,145.23	-813.19	238.68	1,878,294.737	2,810,878.266	36.161713105	-107.535935854
5,619.00	79.22	314.500	5,152.18	-791.40	216.30	1,878,316.522	2,810,855.889	36.161773138	-107.536011435
5,650.00	83.27	315.050	5,156.90	-769.83	194.55	1,878,338.097	2,810,834.144	36.161832591	-107.536084876
5,681.00	87.88	315.360	5,159.29	-747.90	172.78	1,878,360.025	2,810,812.373	36.161893010	-107.536158400
5,713.00	91.08	315.120	5,159.58	-725.18	150.26	1,878,382.743	2,810,789.845	36.161955608	-107.536234485
5,762.00	91.79	315.844	5,158.36	-690.25	115.91	1,878,417.670	2,810,755.501	36.162051844	-107.536350471
330 ppd @ 5762.00 MD 5158.36 TVD									
5,807.00	92.44	316.510	5,156.70	-657.81	84.77	1,878,450.114	2,810,724.363	36.162141233	-107.536455620
5,902.00	91.15	316.070	5,153.72	-589.18	19.16	1,878,518.749	2,810,658.750	36.162330329	-107.536677184
5,996.00	89.21	315.380	5,153.43	-521.88	-46.46	1,878,586.049	2,810,593.132	36.162515758	-107.536898783
6,090.00	90.32	315.010	5,153.81	-455.18	-112.70	1,878,652.741	2,810,526.893	36.162699522	-107.537122495
6,184.00	89.58	314.310	5,153.89	-389.11	-179.56	1,878,718.812	2,810,460.032	36.162881585	-107.537348317
6,278.00	88.57	314.740	5,155.41	-323.21	-246.56	1,878,784.717	2,810,393.025	36.163063193	-107.537574640
6,373.00	87.51	314.080	5,158.66	-256.77	-314.39	1,878,851.157	2,810,325.203	36.163246275	-107.537803718
6,467.00	87.75	314.660	5,162.55	-191.09	-381.52	1,878,916.833	2,810,258.067	36.163427255	-107.538030485
6,561.00	87.83	314.730	5,166.17	-125.03	-448.29	1,878,982.897	2,810,191.295	36.163609296	-107.538256010
6,655.00	87.93	314.810	5,169.65	-58.87	-514.98	1,879,049.052	2,810,124.607	36.163791587	-107.538481255
6,750.00	88.27	315.510	5,172.80	8.45	-581.93	1,879,116.377	2,810,057.657	36.163977092	-107.538707374
6,844.00	87.99	311.690	5,175.87	73.23	-649.96	1,879,181.155	2,809,989.634	36.164155608	-107.538937156
6,938.00	88.17	311.930	5,179.02	135.86	-719.98	1,879,243.786	2,809,919.610	36.164328244	-107.539173741
7,033.00	88.79	312.120	5,181.54	199.44	-790.53	1,879,307.361	2,809,849.064	36.164503477	-107.539412084
7,127.00	89.83	312.320	5,182.67	262.60	-860.13	1,879,370.521	2,809,779.457	36.164677563	-107.539647253
7,221.00	90.63	312.690	5,182.29	326.11	-929.43	1,879,434.032	2,809,710.160	36.164852606	-107.539881369
7,315.00	89.88	314.290	5,181.87	390.80	-997.62	1,879,498.722	2,809,641.967	36.165030882	-107.540111733
7,410.00	89.98	313.930	5,181.99	456.92	-1,065.83	1,879,564.845	2,809,573.757	36.165213094	-107.540342142
7,504.00	89.00	313.350	5,182.83	521.79	-1,133.86	1,879,629.713	2,809,505.734	36.165391855	-107.540571930
7,598.00	89.27	312.810	5,184.25	585.99	-1,202.51	1,879,693.909	2,809,437.084	36.165568775	-107.540803849
7,693.00	90.27	312.670	5,184.63	650.46	-1,272.28	1,879,758.382	2,809,367.314	36.165746464	-107.541039563
7,787.00	89.14	313.230	5,185.11	714.51	-1,341.08	1,879,822.427	2,809,298.513	36.165922971	-107.541271998
7,881.00	89.73	312.910	5,186.04	778.69	-1,409.74	1,879,886.615	2,809,229.848	36.166099868	-107.541503973
7,976.00	90.25	312.540	5,186.05	843.15	-1,479.53	1,879,951.070	2,809,160.060	36.166277508	-107.541739752
8,070.00	88.30	313.730	5,187.24	907.41	-1,548.12	1,880,015.330	2,809,091.474	36.166454601	-107.541971460
8,164.00	88.72	313.270	5,189.69	972.09	-1,616.28	1,880,080.013	2,809,023.313	36.166632852	-107.542201727
8,258.00	89.77	313.820	5,190.93	1,036.84	-1,684.41	1,880,144.765	2,808,955.185	36.166811292	-107.542431877
8,352.00	90.07	312.710	5,191.06	1,101.27	-1,752.86	1,880,209.189	2,808,886.737	36.166988833	-107.542663122



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Chaco Unit 908 H
Project:	Sandoval County, New Mexico NAD83 NmW	TVD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Site:	S Chaco Unit 344 Pad (344, 345 & 908)	MD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Well:	S Chaco Unit 908 H	North Calculation:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
8,446.00	90.52	314.500	5,190.57	1,166.10	-1,820.92	1,880,274.016	2,808,818.674	36.167167476	-107.542893055
8,541.00	90.66	313.590	5,189.60	1,232.14	-1,889.20	1,880,340.057	2,808,750.393	36.167349459	-107.543123717
8,635.00	88.54	314.240	5,190.25	1,297.33	-1,956.91	1,880,405.249	2,808,682.685	36.167529102	-107.543352451
8,729.00	88.84	314.030	5,192.40	1,362.77	-2,024.35	1,880,470.689	2,808,615.239	36.167709423	-107.543580292
8,824.00	89.80	315.050	5,193.53	1,429.40	-2,092.06	1,880,537.316	2,808,547.533	36.167893009	-107.543809003
8,918.00	90.93	315.920	5,192.93	1,496.42	-2,157.96	1,880,604.341	2,808,481.633	36.168077672	-107.544031592
9,012.00	89.94	314.030	5,192.22	1,562.85	-2,224.45	1,880,670.774	2,808,415.142	36.168260713	-107.544256192
9,107.00	88.54	314.110	5,193.48	1,628.92	-2,292.70	1,880,736.842	2,808,346.893	36.168442766	-107.544486751
9,201.00	89.68	314.690	5,194.94	1,694.68	-2,359.85	1,880,802.601	2,808,279.742	36.168623960	-107.544713594
9,295.00	91.05	315.200	5,194.34	1,761.08	-2,426.38	1,880,869.002	2,808,213.214	36.168806912	-107.544938324
9,389.00	88.57	314.960	5,194.65	1,827.64	-2,492.75	1,880,935.557	2,808,146.844	36.168990286	-107.545162515
9,484.00	89.98	315.590	5,195.85	1,895.13	-2,559.59	1,881,003.047	2,808,080.000	36.169176229	-107.545388306
9,578.00	88.72	316.120	5,196.92	1,962.57	-2,625.06	1,881,070.493	2,808,014.537	36.169362043	-107.545609418
9,672.00	89.72	317.180	5,198.20	2,030.92	-2,689.58	1,881,138.839	2,807,950.018	36.169550321	-107.545827323
9,767.00	88.37	315.810	5,199.78	2,099.81	-2,754.96	1,881,207.731	2,807,884.631	36.169740105	-107.546048166
9,861.00	89.80	316.980	5,201.28	2,167.87	-2,819.78	1,881,275.786	2,807,819.812	36.169927584	-107.546267093
9,955.00	88.24	316.040	5,202.89	2,236.05	-2,884.46	1,881,343.970	2,807,755.131	36.170115415	-107.546485553
10,050.00	87.80	313.460	5,206.17	2,302.89	-2,951.88	1,881,410.805	2,807,687.710	36.170299565	-107.546713311
10,144.00	87.50	311.560	5,210.03	2,366.35	-3,021.12	1,881,474.266	2,807,618.479	36.170474459	-107.546947236
10,238.00	88.61	312.190	5,213.22	2,429.06	-3,091.07	1,881,536.975	2,807,548.528	36.170647291	-107.547183608
10,333.00	89.43	312.700	5,214.84	2,493.16	-3,161.16	1,881,601.078	2,807,478.437	36.170823956	-107.547420444
10,428.00	90.23	312.260	5,215.12	2,557.32	-3,231.22	1,881,665.234	2,807,408.374	36.171000763	-107.547657183
10,522.00	90.58	311.560	5,214.46	2,620.10	-3,301.17	1,881,728.020	2,807,338.422	36.171173808	-107.547893561
10,616.00	89.87	312.820	5,214.09	2,683.23	-3,370.82	1,881,791.147	2,807,268.778	36.171347786	-107.548128894
10,711.00	90.31	312.240	5,213.94	2,747.45	-3,440.82	1,881,855.365	2,807,198.771	36.171524760	-107.548365446
10,805.00	89.70	313.960	5,213.93	2,811.67	-3,509.46	1,881,919.589	2,807,130.139	36.171701744	-107.548597342
10,900.00	90.43	314.580	5,213.82	2,877.99	-3,577.48	1,881,985.902	2,807,062.114	36.171884459	-107.548827160
10,994.00	89.86	312.580	5,213.59	2,942.78	-3,645.57	1,882,050.699	2,806,994.024	36.172063009	-107.549057217
11,089.00	89.72	312.450	5,213.93	3,006.98	-3,715.60	1,882,114.898	2,806,924.000	36.172239931	-107.549293831
11,183.00	89.96	311.510	5,214.20	3,069.85	-3,785.47	1,882,177.770	2,806,854.123	36.172413209	-107.549529960
11,277.00	89.44	313.070	5,214.69	3,133.10	-3,855.01	1,882,241.018	2,806,784.591	36.172587515	-107.549764922
11,372.00	90.70	313.680	5,214.57	3,198.34	-3,924.06	1,882,306.260	2,806,715.539	36.172767292	-107.549998234
11,466.00	91.46	314.130	5,212.80	3,263.52	-3,991.77	1,882,371.433	2,806,647.826	36.172946871	-107.550227014
11,561.00	89.23	314.300	5,212.23	3,329.76	-4,059.85	1,882,437.676	2,806,579.743	36.173129391	-107.550457039
11,655.00	89.64	314.100	5,213.16	3,395.29	-4,127.24	1,882,503.206	2,806,512.357	36.173309947	-107.550684709
11,749.00	90.69	313.790	5,212.89	3,460.52	-4,194.92	1,882,568.438	2,806,444.677	36.173489684	-107.550913376
11,843.00	91.19	313.350	5,211.34	3,525.30	-4,263.02	1,882,633.217	2,806,376.581	36.173668183	-107.551143462
11,938.00	89.00	315.090	5,211.19	3,591.55	-4,331.09	1,882,699.465	2,806,308.505	36.173850714	-107.551373467
12,032.00	88.15	314.210	5,213.52	3,657.59	-4,397.94	1,882,765.504	2,806,241.654	36.174032662	-107.551599322
12,126.00	88.53	313.810	5,216.25	3,722.87	-4,465.52	1,882,830.786	2,806,174.076	36.174212535	-107.551827650
12,221.00	89.08	313.630	5,218.23	3,788.51	-4,534.17	1,882,896.429	2,806,105.433	36.174393409	-107.552059586
12,316.00	90.02	313.620	5,218.97	3,854.05	-4,602.93	1,882,961.970	2,806,036.668	36.174574002	-107.552291934
12,366.00	90.40	313.515	5,218.79	3,888.51	-4,639.16	1,882,996.430	2,806,000.440	36.174668955	-107.552414345
LTP @ 12366.00 MD 5218.79 TVD									
12,381.00	90.51	313.483	5,218.67	3,898.84	-4,650.04	1,883,006.754	2,805,989.560	36.174697404	-107.552451110
330 ppd @ 12381.00 MD 5218.67 TVD									
12,411.00	90.74	313.420	5,218.34	3,919.47	-4,671.82	1,883,027.385	2,805,967.782	36.174754252	-107.552524695
Survey @ 12411.00 MD 5218.34 TVD									
12,493.00	90.74	313.420	5,217.29	3,975.83	-4,731.37	1,883,083.742	2,805,908.228	36.174909543	-107.552725928
Survey Proj. to 12493 MD 5217.29 TVD 316 FNL 143 FWL									



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Chaco Unit 908 H
Project:	Sandoval County, New Mexico NAD83 NmW	TVD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Site:	S Chaco Unit 344 Pad (344, 345 & 908)	MD Reference:	RKB=7003+13 @ 7016.00ft (Ensign 145)
Well:	S Chaco Unit 908 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
401.00	400.98	3.32	-1.10	MWD surveys
3,435.00	3,300.47	-582.16	334.40	9 5/8" Csg @ 3435.00 MD 3300.47 TVD
5,544.89	5,133.00	-841.05	267.77	FTP @ 5544.89 MD 5133.00 TVD
5,762.00	5,158.36	-690.25	115.91	330 ppd @ 5762.00 MD 5158.36 TVD
12,366.00	5,218.79	3,888.51	-4,639.16	LTP @ 12366.00 MD 5218.79 TVD
12,381.00	5,218.67	3,898.84	-4,650.04	330 ppd @ 12381.00 MD 5218.67 TVD
12,411.00	5,218.34	3,919.47	-4,671.82	Survey @ 12411.00 MD 5218.34 TVD
12,493.00	5,217.29	3,975.83	-4,731.37	Survey Proj. to 12493 MD 5217.29 TVD 316 FNL 143 FWL

Checked By: _____	Approved By: _____	Date: _____
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WELL NAME: S CHACO UNIT 908H**OBJECTIVE: Drill, complete, and equip single lateral in the Mancos-H formation****API Number:** 30-043-21281**AFE Number:** DV03085**ER Well Number:** NM08016.01**State:** New Mexico**County:** San Juan**Surface Elev.:** 7,003 ft ASL (GL) 7,016 ft ASL (KB)**Surface Location:** 2-22N-07W Sec-Twn- Rng 1,047 ft FSL 356 ft FEL**BH Location:** 35-23N-07W Sec-Twn- Rng 384 ft FNL 228 ft FWL**Driving Directions:** FROM THE INTERSECTION OF US HWY 550 & US HWY 64 IN BLOOMFIELD, NM:

South on US Hwy 550 for 48.3 miles to MM 103.0; Right (South) on Atkins Road for 4.2 miles to 4-way intersection; Left (East) exiting Atkins Road for 0.3 miles to fork; Right (South) along existing access road for 0.2 miles; Right (South) for 0.6 miles to S CHACO UNIT 344H PAD (WELLS: 344H, 345H, 908H).

QUICK REFERENCE	
Sur TD (MD)	350 ft
Int TD (MD)	3,417 ft
KOP (MD)	4,601 ft
KOP (TVD)	4,345 ft
Target (TVD)	5,169 ft
Curve BUR	10 °/100 ft
POE (MD)	5,799 ft
TD (MD)	12,441 ft
Lat Len (ft)	6,642 ft

WELL CONSTRUCTION SUMMARY:

	Hole (in)	TD MD (ft)	Csg (in)	Csg (lb/ft)	Csg (grade)	Csg (conn)	Csg Top (ft)	Csg Bot (ft)
Surface	17.500	350	13.375	54.5	J-55	BTC	0	350
Intermediate	12.250	3,417	9.625	36.0	J-55	LTC	0	3,417
Production	8.500	12,441	5.500	20.0	HCP-110	TCBC-HT	0	12,441

CEMENT PROPERTIES SUMMARY:

	Type	Wt (ppg)	Yd (cuft/sk)	Wtr (gal/sk)	Hole Cap. (cuft/ft)	% Excess	TOC (ft MD)	Total (sx)
Surface	Type III	14.6	1.39	6.686	0.6946	100%	0	350
Inter. (Lead)	III:POZ Blend	12.5	2.14	12.05	0.3627	70%	0	698
Inter. (Tail)	Type III	14.6	1.38	6.64	0.3132	20%	2,917	136
Prod. (Lead)	Type III	12.4	2.360	13.4	0.2691	65%	0	548
Prod. (Tail)	G:POZ blend	13.3	1.560	7.7	0.2291	10%	4,408	1,298

COMPLETION / PRODUCTION SUMMARY:**Frac:** 30 plug-and-perf stages with 270,000 bbls slickwater fluid and 11,000,000 lbs of proppant (estimated)**Flowback:** Flow back through production tubing as pressures allow (ESP may be used for load recovery assistance)**Production:** Produce through production tubing via gas-lift into permanent production and storage facilities

Tops	TVD (ft KB)	MD (ft KB)
Ojo Alamo	974	989
Kirtland	1,086	1,101
Fruitland	1,306	1,321
Pictured Cliffs	1,586	1,601
Lewis	1,721	1,738
Chacra A	1,976	2,001
Cliff House Basal	3,076	3,212
Menefee	3,111	3,251
Point Lookout	3,960	4,191
Mancos	4,158	4,408
MNCS A	4,461	4,741
MNCS B	4,573	4,856
MNCS C	4,656	4,934
MNCS Cms	4,701	4,980
MNCS D	4,829	5,118
MNCS E	4,956	5,276
MNCS F	5,006	5,345
MNCS G	5,086	5,485
MNCS H @ 0 VS	5,146	5,641
FTP (LP) TARGET	5,169	5,799
LTP (TD) TARGET	5,239	12,441

Well Name: S LYBROOK UNIT	Well Location: T22N / R7W / SEC 2 / SESE / 36.163949 / -107.536736	County or Parish/State: SANDOVAL / NM
Well Number: 908H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: NOG13121799	Unit or CA Name: S CHACO UT-MANCOS	Unit or CA Number: NMNM133321A, NMNM133321X
US Well Number: 3004321281	Well Status: Drilling Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2705874

Type of Submission: Subsequent Report

Type of Action: Hydraulic Fracturing

Date Sundry Submitted: 12/05/2022

Time Sundry Submitted: 02:45

Date Operation Actually Began: 09/30/2022

Actual Procedure: 9/30/2022 thru 10/5/2022- Pre frac site set up, MIRU, Pressure test 10/5/2022 thru 10/12/2022- 24 hour Frac Ops. 28 total stages, total holes 1176. Perfed w 0.31” holes with SFT-NE45B, FRP-48H, CSA-2400, Bardac 2250M, SCI-28H, Sour-N8R, & 8,573,910 lbs total proppant 10/23/2022 thru 10/27/2022 – Drilling out operations 10/27/2022 - tubing landed at 5,682’ MD

SR Attachments

Actual Procedure

5_completion_SOUTH_LYBROOK_UNIT_908H_20221205144525.pdf

Well Name: S LYBROOK UNIT	Well Location: T22N / R7W / SEC 2 / SESE / 36.163949 / -107.536736	County or Parish/State: SANDOVAL / NM
Well Number: 908H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: N0G13121799	Unit or CA Name: S CHACO UT-MANCOS	Unit or CA Number: NMNM133321A, NMNM133321X
US Well Number: 3004321281	Well Status: Drilling Well	Operator: ENDURING RESOURCES LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: KAYLA WHITE	Signed on: DEC 05, 2022 02:45 PM
Name: ENDURING RESOURCES LLC	
Title: Staff Engineer	
Street Address: 9446 CLERMONT ST	
City: THORNTON	State: CO
Phone: (720) 768-3575	
Email address: KWHITE@CDHCONSULT.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Accepted	Disposition Date: 12/06/2022
Signature: Kenneth Rennick	



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print

12/07/2022

Operator Name ENDURING RESOURCES LLC SHL SESE Sec 2 22N 7W	Well Name S LYBROOK UNIT County SANDOVAL	Well Number 908H State NM	US Well Number 3004321281 Lease Number(s) N0G13121799
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM133321X, NMNM133321A ID 10400000327
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name S CHACO #344H,345H,908H	Well Pad Number 3	

Section 1 - General

Well Completion Report Id:	Submission Date: 12-01-2022	
BLM Office: Farmington Field Office	User: KAYLA WHITE	Title: Staff Engineer
Federal/Indian: INDIAN	Lease Number: N0G13121799	Lease Acres:
Agreement in place?: YES	Federal or Indian Agreement:	
Agreement Number:	Agreement Name:	
Keep this Well Completion Report confidential?:		
APD Operator: ENDURING RESOURCES LLC		

Section 2 - Well

Field/Pool or Exploratory:	Pool Name: MANCOS	Field Name: LYBROOK GALLUP
Well Type: OIL WELL		
Spud Date: 05-18-2022		
Date Total Measured Depth Reached: 08-24-2022		
Drill & Abandon or Ready To Produce: READY TO		
Well Class: HORIZONTAL		

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
OJO ALAMO	SANDSTONE, SILTSTONE		6042	975	975	USEABLE WATER	
KIRTLAND	SANDSTONE, SHALE, SILTSTONE		5930	1096	1096	USEABLE WATER	

Operator Name ENDURING RESOURCES LLC SHL SESE Sec 2 22N 7W	Well Name S LYBROOK UNIT	Well Number 908H	US Well Number 3004321281
	County SANDOVAL	State NM	Lease Number(s) N0G13121799
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM133321X, NMNM133321A ID 10400000327
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name S CHACO #344H,345H,908H	Well Pad Number 3	

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
FRUITLAND	COAL, SANDSTONE, SHALE, SILTSTONE		5710	1247	1247	NATURAL GAS, USEABLE WATER	
PICTURED CLIFFS	SANDSTONE, SILTSTONE		5430	1556	1556	NATURAL GAS, USEABLE WATER	
CLIFFHOUSE	SANDSTONE		3940	3073	3208	NATURAL GAS, USEABLE WATER	
MENEFEE	COAL, SANDSTONE, SHALE, SILTSTONE		3905	3099	3235	NATURAL GAS	
POINT LOOKOUT	SANDSTONE, SHALE		3056	3921	4114	NATURAL GAS	
MANCOS	SHALE, SILTSTONE		2858	4103	4302	NATURAL GAS, OIL	
GALLUP	SHALE, SILTSTONE		2555	4460	4710	NATURAL GAS, OIL	

Completion and Completed

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	S1	1	NMNM133321A	N0G13121799	NEW		POW	11-01-2022	11-01-2022	GALLUP	4710	12366	Y	.31	1176	OPEN

Operator Name ENDURING RESOURCES LLC SHL SESE Sec 2 22N 7W	Well Name S LYBROOK UNIT	Well Number 908H	US Well Number 3004321281
	County SANDOVAL	State NM	Lease Number(s) N0G13121799
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM133321X, NMNM133321A ID 10400000327
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name S CHACO #344H,345H,908H	Well Pad Number 3	

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	N				

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1			FLows FROM WELL			

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	S1	1	11/01/2022	24	0	1105	119	0	64/64	420		850

Operator Name ENDURING RESOURCES LLC SHL SESE Sec 2 22N 7W	Well Name S LYBROOK UNIT	Well Number 908H	US Well Number 3004321281
	County SANDOVAL	State NM	Lease Number(s) N0G13121799
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM133321X, NMNM133321A ID 10400000327
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name S CHACO #344H,345H,908H	Well Pad Number 3	

Well Location

Survey Type: RECTANGULAR

Survey Number: 120782

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum:

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.163949	-107.536736	7003	INDIAN	N0G13121799				1047	FSL	356	FEL	22N	7W	2	SESE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.163949	-107.536736	7003	INDIAN	N0G13121799				1047	FSL	356	FEL	22N	7W	2	SESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.161636	-107.535837	1925	INDIAN	N0G13121797				206	FSL	85	FEL	22N	7W	2	SESE
EXIT Well bore 00	NEW MEXICO	FIRST PRINCIPAL	SANDOVAL	36.174669	-107.552414	1925	INDIAN	N0G13121797				404	FNL	237	FWL	22N	7W	2	Lot 4
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.17491	-107.552726	1925	INDIAN	N0G13121797				317	FNL	144	FWL	22N	7W	2	Lot 4

Casing, Liner and Tubing

Operator Name ENDURING RESOURCES LLC SHL SESE Sec 2 22N 7W	Well Name S LYBROOK UNIT	Well Number 908H	US Well Number 3004321281
	County SANDOVAL	State NM	Lease Number(s) NOG13121799
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM133321X, NMNM133321A ID 10400000327
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name S CHACO #344H,345H,908H	Well Pad Number 3	

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	17.5	0	360	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	12.25	0	3435	9.625	36	J-55		BUTT		
00	PRODUCTION	8.5	0	12483	5.5	20	P-110		BUTT		

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield (cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE	360	1	350	1.39	0					86.6
00	INTERMEDIATE	3435	III	698	2.14	0	III blend	136	1.38	2898	299.5
00	PRODUCTION	12483	I/II	547	2.36	0	class G	1261	1.57	4401	582.5

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	2.875		5682	5648	6	L-80		OTHER	EUE

Operator Name ENDURING RESOURCES LLC SHL SESE Sec 2 22N 7W	Well Name S LYBROOK UNIT	Well Number 908H	US Well Number 3004321281
	County SANDOVAL	State NM	Lease Number(s) N0G13121799
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM133321X, NMNM133321A ID 10400000327
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name S CHACO #344H,345H,908H	Well Pad Number 3	

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	NO	NO	NO	YES	NO	YES

Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: ENDURING RESOURCES LLC**Signed By:** KAYLA WHITE**Title:** Staff Engineer**Signed on:** 12/06/2022**Street Address:** 9446 CLERMONT ST**City:** THORNTON**State:** CO**Zip:** 80229**Phone:** (720)768-3575**Email address:** KWHITE@CDHCONSULT.COM**Field****Representative Name:****Street Address:****City:****State:****Zip:****Phone:****Extension:****Email address:****Attachments**

Operator Name ENDURING RESOURCES LLC SHL SESE Sec 2 22N 7W	Well Name S LYBROOK UNIT County SANDOVAL	Well Number 908H State NM	US Well Number 3004321281 Lease Number(s) N0G13121799
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM133321X, NMNM133321A ID 10400000327
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name S CHACO #344H,345H,908H	Well Pad Number 3	

Enduring_S_Chaco_908_H_final_svys_aug2322__12091__20221201083039.pdf

S_LYBROOK_UNIT__908H_As_Drilled_C_102_Plat__SIGNED_20221201083052.pdf

SCU_908H_WBD_20221201083056.pdf

List_of_Leases_SLU_908H_20221206101222.pdf

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED

OMB NO. 1004-

0137

Expires: January 31, 2018

5. Lease Serial No.

N0-G-1312-1799

1a. Type of Well ☒ Oil Well ☐ Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Zones ☐ Hydraulic Fracturing
☐ Other: _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

NMNM133321A

2. Name of Operator

Enduring Resources IV LLC

8. Lease Name and Well No.

South Lybrook Unit 908H

3. Address

200 Energy Court Farmington NM 87402

3a. Phone No. (Include area code)

505-636-9743

9. API Well No.

30-043-21281

4. Location of Well (Report location clearly and in accordance with Federal requirements) *

At surface

SHL: 1047' FSL & 356' FEL, Sec 2 T22N, R7W

BHL: 317' FNL & 144' FWL, Sec 2 T22N, R7W

10. Field and Pool or Exploratory

Lybrook Gallup 330

11. Sec., T., R., M., on Block and Survey or Area

Sec 2 T22N R7W

12. County or Parish

Sandoval

13. State

NM

At top prod. interval reported below At total depth

14. Date Spudded

5/18/2022

15. Date T.D. Reached

8/24/2022

16. Date Completed 11/1/2022

☐ D & A

☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

6562' KB

18. Total Depth: **12,483' MD**

5219' TVD

19. Plug Back T.D.: **12,366' MD**

5218' TVD

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored?

☒ No

☐ Yes (Submit analysis)

Was DST run?

☒ No

☐ Yes (Submit report)

Directional Survey?

☐ No

☒ Yes (Submit copy)

Form 3160-4

(June 2015)

UNITED STATES

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8", J-55	54.5	0	360' MD		350	86.6	surface	
12-1/4"	9-5/8", J-55	36	0	3435' MD		834	299	surface	
8-1/2"	5-1/2", P-110	20	0	12483' MD		1808	593	surface	

24. Tubing Record

Size	Dept Set (MD)	Packer Dept (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8", 6.5#, L-80	5682'	5648'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Gallup MNCS_A	4460' TVD	5235' TVD	5772' - 12344' MD	.31	1176	

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org

Depth Interval	Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org
5772' - 12344' MD	28 total stages, total holes 1176. Perfed w 0.31" holes with SFT-NE45B, FRP-48H, CSA-2400, Bardac 2250M, SCI-28H, Sour-N8R, & 8,573,910 lbs total proppant

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
11/1/2022	11/1/2022	24 hr	➡	0	1105	119			Flowing
Choke Size	Tbg. Press.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
64/64"	420	850	➡					Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
			➡						

Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
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*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
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Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
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28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
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Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
------------	----------------------	-------------	-------------	---------	---------	-----------	---------------	-------------

28. Disposition of Gas (Solid, used for fuel, vented, etc.) Sold

30. Summary of Porous Zones (Include Aquifers):	31. Formation (Log) Markers
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, fl and shut-in pressures and recoveries.	

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
-----------	-----	--------	------------------------------	------	--------------------

OJAM 975
 KRLD 1096
 FRLD 1247
 PCCF 1556
 CLFH (Basal) 3073
 MENF 3099
 PNK 3921
 MNCS 4103
 GALLUP
 (MNCS_A) 4460

32. Additional remarks (include plugging procedure).

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions) *

Name (please print) Kayla White Title Environmental Engineer

Signature Kayla White Date: 11/30/2022

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 164852

ACKNOWLEDGMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 164852
	Action Type: [C-104] Tight Hole Completion Packet (C-104CT)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

District I
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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 164852

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 164852
	Action Type: [C-104] Tight Hole Completion Packet (C-104CT)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	AFMSS Hydraulic Fracturing -missing Production Pressure Test; psi and duration of test. Missing Perforation Range and missing ready to produce date. AFMSS Well Completion Completion Data Perforations are conflicting with C104 Perforations. Going forward indicate pertinent information.	9/7/2023